



State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

ADDENDUM No. FIVE

Project Name: Tri-Valley Trail
White Clay Creek State Park

Project No.: WCCP-7A

Date of Issue: October 20, 2016

Notice No. 4: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specification and as shown on the drawings.

Bids Due: Thursday, October 27, 2016 at 2:00 PM

DNREC Division of Parks and Recreation
Richardson and Robbins Building, **Parks Conference Room**
89 Kings Highway
Dover, DE 19901

Questions

1. Dwg C2.2 notes 1 and 4 refer to dwg C2.16 for the new location of the pedestal and electric line. Our package does not have a Dwg C2.16.
Refer to plansheet C3.13 for the location of the pedestal and the electric line.
2. Section 015000 "Temporary Facilities" refers to a furnished field office with 120v electric service. Where is this to be located and from where can we tap into existing electric?
The temporary field office should be located within the concrete area of Parking Lot #1 as there are electric and phone services available. See plansheet C3.5 of Addendum #4 for your use.
3. Section 329200 "Turf and Grasses" refers to sodding requirements. What areas need to be sodded and is onsite water available for watering?
Please acknowledge that "No Sod" is to be used as a part of this project.

4. Dwg C2.2
 - a. Note 6 says to remove hot mix between Sta 522+41 and 581+91
 - b. Note 9 says to remove hot mix from Sta 522+41 to 538+91What are the limits for hot mix removal?
The limit of the hot-mix removal is from Station 522+41 to Station 538+91 as noted in Note #9 on plansheet C2.2.
5. Are there drawings available which clearly show the existing contours in areas which need to be excavated?
Please see Addendum #4 for the plansheets that depict the existing contour lines within the areas slated for excavations.
6. Can excess excavated material (ie dirt) be placed on site?
Please refer plansheet C3.6 in Addendum #4 for the location where all of the excess top soil/excavation will be deposited.
7. Which drawing designates areas which need erosion control measures (ie silt fence, construction entrances, sensitive area protection)?
Please refer to plansheets SWM 1.1 to SWM 1.13 in Addendum #4 for the silt fence areas and the limits of disturbance (LOD).
8. Dwg C4.2 section 1 shows the 24 ft wide road plus a 10 ft wide trail starting at sta 526+00. Dwg 3.11 shows it starting at sta 534+65?
The starting point for the 24-foot wide road and the 10-foot wide trail begins at Station 534+65 as noted on plansheet C3.11 of the Addendum #4.
9. Shts C4.1 and C4.2 note 1 call for Type C hot mix to be placed in two equal lifts. When is this required since some sections show the hot mix at 1 1/2" thick while others show 3" thick?
Maximum lift for Type C Pavement shall be 2", minimum lift shall be 1.25".
10. Details 4 & 5 on dwg C4.1 seem to overlap detail 1 on dwg C4.2.
Refer to Addendum #4 for more clarification.
11. Dwg C4.2 detail 1: what is the box section for the "Multi Use Trail" portion?
Please refer to detail 1/C4.1 of Addendum #4 for your use.
12. Dwg C1.2 indicates the parking lot at Paper Mill Rd is in the base bid. Dwg C4.2 shows the parking lot as Alt 2?
Parking Lot #3 is in the base bid as noted on plansheet C1.2 of Addendum #4.

13. What is the paving section for the existing stone parking lot (Alt #1)?
Existing stone parking lot shall be paved utilizing the pavement section found on Detail 5/C4.1 (1 ½" Type C WMA over 2 ½" Type B WMA. GABC and minor grading as required to fill depressions.)
14. Can you please clarify spec section 012300 Sch of Alternates? Where the 1317lf of extra trail and what is the box section? Is this a new trail section that needs to be excavated or is it paving an existing stoned trail?
This is referring to a new trail with excavation. Refer to pavement section 1/C4.1 of Addendum #4.
15. During the meeting it was indicated that the Building Prevailing Wages were for the restroom facility only. Will a prevailing wage classification be provided for the rest of the project?
Prevailing Wages are applicable for the construction of the restroom building and the trail. The wage rates for heavy construction and building are included in the Specifications Document.
16. Do you have addendum 3?
As of October 18th, there have been 4 addendums issued for the project and they are issued as follow:
- a. Addendum #1 was issued on October 3rd to rectify the mandatory pre-bid meeting at the project site, and the pre-bib meeting occurred on October 6th. See enclosed Addendum #1 for your use.**
 - b. Addendum #2 was issued on October 5th to rectify that only the Contractors who were PREQUALIFIED on an annual and supplemental basis were to bid on the project. See enclosed Addendum #2 for your use.**
 - c. Addendum #3 was issued on October 13th to extend the bid due date from October 20th to October 27th. See enclosed Addendum #3 for your use.**
 - d. Addendum # was issued on October 18th.**
17. Is there an addendum #3? Currently we have only received addendum 1 and 2 and below is addendum 3.
See the response noted in Question #16.
18. Will there be addendum for our "Or Equal" request for Public Restroom Company.
See Revised Section 132800 – Restroom Building Specifications attached to this addendum.

19. I'm curious if there is an addendum #3 which will impact our take off. I see it referenced on one of the drawings but we have never received an addendum #3.

See the response noted in Question #16.

20. Shouldn't the prevailing wage on work other than the restrooms be highway rates?

See the response noted in Question #15.

Specifications

1. Delete Section 132800 – Restroom Building Specifications in its entirety from Addendum #4 and substitute the revised Section 132800 – Restroom Building Specifications attached to this addendum.
2. Delete Section 012100 – Allowances Section in its entirety and substitute the revised Section 012100 – Allowance document attached to this addendum.

General Information

1. Prevailing wages does apply for this Work.
2. Substantial Completion is 120 business days post the issuance date of the Purchase Order (PO).
3. The Contractor will be required to obtain a Safety Permit from the DelDOT Canal District Office for the proposed works within DelDOT's Right-of-Way.
4. The Contractor should reach out and bid the restroom building to the approved manufactures noted in Section 132800 of the Specifications Document post the award of the contract.
5. Anticipated start date of the Work is November 21, 2016 upon submission of insurances to the State of Delaware and the issuance of a State of Delaware purchase order.

End of Addendum No. Five

Enclosures (4)

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SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Selected materials and equipment are specified in the Contract Documents by Allowances. In some cases, these Allowances include installation. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when additional information is available for evaluation. If necessary, additional requirements will be issued by Proposal Request.
- C. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Unit-cost Allowances.
 - 3. Contingency Allowances.
- D. Related Requirements:
 - 1. Section 012200 "Unit Prices" for procedures for using unit prices.

1.3 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Owner of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.
- B. At Owner's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected in writing by Owner from the designated supplier.

1.4 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

1.5 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.6 COORDINATION

- A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
 - 3. Submit substantiation of a change in scope of work, if any, claimed in Change Orders related to unit-cost allowances.

4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
 - B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of work has changed from what could have been foreseen from information in the Contract Documents.
 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.
- 1.9 Contingency Allowances:
- A. Use the Contingency Allowance only as directed for the Owner's purposes and only by Change Orders that indicate amounts to be charged to the Allowance.
 - B. Change Orders authorizing use of funds from the Contingency Allowance, for purchase of products and equipment, will include Contractor's related costs and reasonable overhead and profit margins. These related costs include delivery, installation, taxes, insurance, equipment rental, and similar costs.
 - C. At Project Closeout, credit unused amounts remaining in the Contingency Allowance to the Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. **Allowance No. 1 - Lump-Sum Allowance: Include the sum of \$257,000.00 for the procurement, installation and utility connections of a premanufactured restroom.**

1. This allowance includes all material cost, receiving, handling, installation, site preparation and restoration, including but not limited to excavation and grading, crushed stone fill for foundations, stub water and sewer piping and conduits from the mechanical room to extend a minimum of five (5) feet beyond the footprint of the building or sidewalk, whichever is greater. All appurtenances as required to install the structure, including Contractor overhead and profit shall be included. Power to the restroom is to be provided as part of Allowance Number 4.
- B. Allowance No. 2 - Lump-Sum Allowance: Include the sum of \$10,000.00 for the installation and connection of a well for domestic water.
 1. This allowance includes material cost, labor, receiving, handling, installation and all appurtenances as required to install an operational domestic well connected to the premanufactured restroom, plus Contractor overhead and profit.
- C. Allowance No. 3 - Lump-Sum Allowance: Include the sum of \$50,000.00 for the installation and connection of a sanitary drainage field and all associated amenities.
 1. This allowance includes all site preparation and restoration, material cost, labor, receiving, handling, installation and connection of a working drainage field(s), equalizer tank(s), alarm, and all appurtenances as required to serve the restroom facility in accordance with State of Delaware requirements, including all Contractor overhead and profit.
- D. Allowance No. 4 - Lump-Sum Allowance: Include the sum of \$15,000.00 for the electrical connection from existing on-site electric service to new restroom and well.
 1. This allowance includes material cost, receiving, handling, installation and Contractor overhead and profit and all review fees. Work shall also include all site preparation, trenching, backfilling, supply and installation of conduit and conductors, and all appurtenances as required to complete the work to provide electric service to the restroom, well, site lighting. Two (2) blank conduits shall be provided and are to extend no less than five (5) feet beyond the footprint of the building and/or sidewalks for future connections.
- E. Allowance No. 5 - Lump-Sum Allowance: Include the sum of \$280,000.00 for the construction of 4,630 square yards of paved trail as shown in Typical Trail Section 1/C4.1 and 133 square yards of paved trail as shown in Typical Trail Section 3/C4.1 of the Contract Plans.
 1. This allowance includes material cost, receiving, handling, installation and Contractor overhead and profit.

END OF SECTION 012100

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SECTION 132800 – RESTROOM BUILDING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes construction and onsite placement of a prefabricated precast concrete restroom building.
 - 1. Division 1 for specific requirements for warranties on products and installations specified to be warranted.

1.3 DEFINITIONS

- A. Products: Items purchased for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.
 - 1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation shown or listed in manufacturer's published product literature that is current as of date of the Contract Documents.
 - 2. New Products: Items that have not previously been incorporated into another project or facility, except that products consisting of recycled-content materials are allowed, unless explicitly stated otherwise. Products salvaged or recycled from other projects are not considered new products.
 - 3. Comparable Product: Product that is demonstrated and approved through submittal process, or where indicated as a product substitution, to have the indicated qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics that equal or exceed those of specified product.
- B. Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents and proposed by Contractor.
- C. Basis-of-Design Product Specification: Where a specific manufacturer's product is named and accompanied by the words "basis of design," including make or model number or other designation, to establish the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of other named manufacturers.

1.4 SUBMITTALS

- A. Product List: Submit a list, in tabular form, showing specified products. Include generic names of products required. Include manufacturer's name and proprietary product names for each product.

1. Initial Submittal: Within 10 days after Notice to Proceed is issued, submit 1 electronic copy of initial product list. Include a written explanation for omissions of data and for variations from Contract requirements.
 2. Final List and Building Layout: Within 25 days after Notice to Proceed is issued, submit 1 electronic copy of completed product list and building layout including interior and exterior elevations. Include a written explanation for omissions of data and for variations from Contract requirements.
 3. Architect's Action: Architect will respond in writing to Manufacturer within 2 business days of receipt of above documents. Architect's response will include a list of unacceptable product selections and a brief explanation of reasons for this action. Architect's response, or lack of response, does not constitute a waiver of requirement to comply with the Contract Documents.
- B. Substitution Requests: Submit one copy of each request for consideration. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.
1. Substitution Request Form: Use CSI Form 13.1A at the end of this section.
 2. Documentation: Show compliance with requirements for substitutions and the following, as applicable:
 - a. Statement indicating why specified material or product cannot be provided.
 - b. Coordination information, including a list of changes or modifications needed to other parts of the Work and to construction performed by Owner and separate contractors that will be necessary to accommodate proposed substitution.
 - c. Detailed comparison of significant qualities of proposed substitution with those of the Work specified. Significant qualities may include attributes such as performance, weight, size, durability, visual effect, and specific features and requirements indicated.
 - d. Product Data, including drawings and descriptions of products and fabrication and installation procedures.
 - e. Samples, where applicable or requested.
 - f. List of similar installations for completed projects with project names and addresses and names and addresses of architects and owners.
 - g. Material test reports from a qualified testing agency indicating and interpreting test results for compliance with requirements indicated.
 - h. Research/evaluation reports evidencing compliance with building code in effect for Project, from a model code organization acceptable to authorities having jurisdiction.
 - i. Detailed comparison of Contractor's Construction Schedule using proposed substitution with products specified for the Work, including effect on the overall Contract Time. If specified product or method of construction cannot be provided within the Contract Time, include letter from manufacturer, on manufacturer's letterhead, stating lack of availability or delays in delivery.
 - j. Cost information, including a proposal of change, if any, in the Contract Sum.
 - k. Contractor's certification that proposed substitution complies with requirements in the Contract Documents and is appropriate for applications indicated.
 - l. Contractor's waiver of rights to additional payment or time that may subsequently become necessary because of failure of proposed substitution to produce indicated results.
 3. Architect's/Engineer's Action: If necessary, Architect/Engineer will request additional information or documentation for evaluation within 3 working days of receipt of a request for substitution. Architect/Engineer will notify Contractor of acceptance or rejection of proposed substitution within 7 days of receipt of request, or 3 days of receipt of additional information or documentation, whichever is later.
 - a. Form of Acceptance: Change Order.

- b. Use product specified if Architect/Engineer cannot make a decision on use of a proposed substitution within time allocated.
- C. Comparable Product Requests: Submit one copy of each request for consideration. Identify product or fabrication or installation method to be replaced. Include Specification Section number and title and Drawing numbers and titles.
 - 1. Architect's/Engineer's Action: If necessary, Architect/Engineer will request additional information or documentation for evaluation within 3 working days of receipt of a request for substitution. Architect/Engineer will notify Contractor of acceptance or rejection of proposed substitution within 7 days of receipt of request, or 3 days of receipt of additional information or documentation, whichever is later.
 - a. Form of Approval: As specified in Division 1 Section "Submittal Procedures."
 - b. Use product specified if Architect cannot make a decision on use of a comparable product request within time allocated.
- D. Basis-of-Design Product Specification Submittal: Show compliance with requirements.

1.5 QUALITY ASSURANCE

- A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, product selected shall be compatible with products previously selected, even if previously selected products were also options.
 - 1. Each contractor is responsible for providing products and construction methods compatible with products and construction methods of other contractors.
 - 2. If a dispute arises between contractors over concurrently selectable but incompatible products, Architect/Engineer will determine which products shall be used.

1.6 PRODUCT DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, handle and place products/restroom building using means and methods that will prevent damage, deterioration, and loss, including theft. Comply with manufacturer's written instructions.
- B. Delivery and Handling:
 - 1. Schedule delivery to allow for immediate installation upon delivery. .
 - 2. Coordinate delivery with installation time to ensure minimum holding time for items that are flammable, hazardous, easily damaged, or sensitive to deterioration, theft, and other losses.
 - 3. Deliver products to Project site in an undamaged condition in manufacturer's original sealed container or other packaging system, complete with labels and instructions for handling, storing, unpacking, protecting, and installing.
 - 4. Inspect products on delivery to ensure compliance with the Contract Documents and to ensure that products are undamaged and properly protected.
 - 5. Provide the required means and methods to place restroom building on pad prepared by the General Contractor.
 - 6. Set up restroom building and prepare for use and full operation within two weeks or at substantial completion.
 - 7. Instruct Owner's personnel on operation, maintenance and winterization procedures.

1.7 PRODUCT WARRANTIES

- A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.
 - 1. Manufacturer's Warranty: Preprinted written warranty published by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.
 - 2. Special Warranty: Written warranty required by or incorporated into the Contract Documents, either to extend time limit provided by manufacturer's warranty or to provide more rights for Owner.
- B. Special Warranties: Prepare a written document that contains appropriate terms and identification, ready for execution. Submit a draft for approval before final execution.
 - 1. Manufacturer's Standard Form: Modified to include Project-specific information and properly executed.
 - 2. Specified Form: When specified forms are included with the Specifications, prepare a written document using appropriate form properly executed.
- C. Warranty Period: One year after substantial completion.

PART 2 - PRODUCTS

2.1 PRODUCT SELECTION PROCEDURES

- A. Manufacturer: Subject to compliance with requirements, provide products by one of the following:
- B. Basis of Design: Subject to compliance with requirements, provide CXT "Cortez Sectional" or comparable product by one of the following:
 - 1. Huffcutt Concrete, Inc.
 - 2. ***Public Restroom Company***
 - 3. Romtec, Inc.
- C. The following features shall be provided.
 - 1. All precast construction, marine package.
 - 2. Two family restrooms with toilet and lavatory, one chase and one mechanical room.
 - 3. Painted lap siding with shake roof exterior appearance. Provide alkyd enamel coating.
 - 4. Interior is to be painted walls and ceilings (alkyd enamel). Floor is to have clear Rexthane I with Shark Grip silica slip resistant additive.
 - 5. Fiberglass doors and frames with ventilation grills.
 - 6. Wall vents for each room are to be galvanized steel, painted, mechanically adjustable. L&L Louver Model AG-4054-C, 3-inch.
 - 7. Heavy duty restroom entrance hardware with "occupied" and "unoccupied" indicators. Provide removable cores that are Best compatible. Provide to site with construction cores. Provide stainless steel hinges. Each restroom to have one spring hinge. Provide Pemko sweep 18062CP. Provide aluminum sill Pemko 170A.
 - 8. Heavy duty mechanical room and chase door hardware ***as manufactured by Russwin or Schlage***. Provide removable cores that are Best compatible. Provide with construction cores. Provide

- Pemko sweep 18062CP *or equal*. Provide aluminum sill Pemko 170A *or equal*. Provide perimeter gasketing Pemko 312-R or equal.
9. Hand dryers to be occupancy sensor activated, *xcellerator ThinAir. Provide white epoxy coated units.*
 10. Mirrors in each restroom are to be stainless steel framed, 24"x36" with shelf. Bobrick B-166.
 11. Feminine napkin disposal shall be plastic. Bobrick B-5270. Provide one in each female restroom.
 12. Soap and toilet paper dispensers are not to be provided.
 13. Grab bars are to be heavy duty stainless steel. Provide one 18-inch Bobrick B-5806x18, one 36-inch Bobrick B-5806x24 and one 42-inch grab bar Bobrick B-5806x42 per restroom.
 14. Provide Koala KB-101 or KB-200 baby changing station in each restroom.
 15. Room signs are to be plastic with braille.
 16. Provide three coat hooks per restroom, Tubular Steel Specialties, MFG., Inc. #895 *or equal*.
 17. Provide a window in each restroom with fiberglass frames and Lexan 9034V glazing.
 18. Sealant to be BASF Sonolastic NP-1 or approved equal.
 19. Vitreous wall hung plumbing fixtures including lavatories Kholer K-2005 and flush toilets Kholer K-4323 *or approved equal. Flushometers: Slone Royal Flush (using A-36-A & A-37-A drop-in kits). No flushometer substitutions.*
 20. Mop Sink with Faucet: Composite w/ Wall Mop Hanger
 21. *Chicago Naiad push button 333-X Faucets. No substitutions.*
 22. Each fixture shall have water shut-off valves.
 23. One exterior hose bib in lockable enclosure.
 24. Heavy duty floor drains.
 25. Water Heater: LP Propane Tankless Takagi or approved equal. 10 GPM Required.
 26. Each room is to have an exhaust fan, Fantech RVF-6XL *or equal*. Fans are to have occupancy sensor and have adjustable speeds.
 27. *The two restrooms and mechanical chase shall be heated so that piping does not freeze during cold months. Heaters shall be thermostat regulated, water resistant and hang from the ceiling. Provide lockable cover for thermostat.*
 28. All water piping is to be insulated.
 29. *Provide UV treatment for well water system. Refer to mechanical drawings for information.*
 30. Interior and exterior lighting is to be vandal resistant, LED lights rated for wet conditions. Interior lighting to have motion sensors. Exterior lighting to be controlled with photocell sensors *and be night sky rated.*
 31. Each room and chase is to have battery operated egress light *that will light when power goes out.*
 32. Provide 200 AMP service panel.
 33. A Delaware registered Architect or Engineer shall sign/seal the documents. A COMCheck is to be provided.
 34. Provide operation and maintenance manual.
 35. *Provide operation instructions. Allow two hours for Park staff training.*
- D. The restroom facility shall meet all Federal, State and New Castle County code requirements including ANSI ICC 117.1-2009 and the Federal Register 2010 ADA Standards for Accessible Design.
- E. The restroom shall allow for winterization with minimal effort.
- F. All plumbing and electrical conduits shall be concealed from restrooms.
- G. Provide custom exterior colors as selected by the Owner.

PART 3 - EXECUTION

3.1 PRECAST CONCRETE RESTROOM

- A. Building manufacturer shall construct, assemble, paint, install plumbing and electrical at their plant so that it may be transported to the jobsite in finished modules and placed using a crane.
- B. Building manufacturer shall provide mechanical rough-in drawing showing where electrical, water supply line, waste line, and floor drains are to be located for hook up to building.
- C. The contractor will make final mechanical and electrical connections after the building is placed by manufacturer.
- D. Manufacturer will caulk interior and exterior seams between modules. Manufacturer will also perform any shipping and handling repairs during installation.

3.2 ONSITE OPERATIONS

- A. The Owner's contractor shall provide adequate access and a level pad for the crane and semis to sit side by side under their own power. Working radius shall be 35' from center pin on crane.
- B. The Owner's contractor shall lay a foundation suitable for building to sit on. Foundation shall be level to within 1/4".
- C. The contractor shall rough in mechanicals according to mechanical rough in drawing provided by building manufacturer. Mechanicals shall be terminated at top of foundation. Final mechanical connections shall be done by contractor including floor drains.
- D. The Building Manufacturer will perform initial startup of building using O & M manual as a reference. The Building Manufacturer will perform any troubleshooting and resolution during initial startup.



SUBSTITUTION REQUEST

(After the Bidding/Negotiating Phase)

Project: _____ Substitution Request Number: _____
From: _____
To: _____ Date: _____
A/E Project Number: _____
Re: _____ Contract For: _____

Specification Title: _____ Description: _____
Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: _____
Manufacturer: _____ Phone: _____
Address: _____
Trade Name: _____ Model No.: _____
Installer: _____ Phone: _____
Address: _____

History: ☐ New product ☐ 1-4 years old ☐ 5-10 years old ☐ More than 10 years old

Differences between proposed substitution and specified product:

☐ Point-by-point comparative data attached — REQUIRED BY A/E

Reason for not providing specified item:

Similar Installation:

Project: _____ Architect: _____
Address: _____ Owner: _____
Date Installed: _____

Proposed substitution affects other parts of Work: ☐ No ☐ Yes; explain _____

Savings to Owner for accepting substitution: _____ (\$ _____).

Proposed substitution changes Contract Time: ☐ No ☐ Yes [Add] [Deduct] _____ days.

Supporting Data Attached: ☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

**SUBSTITUTION
REQUEST**

(After the Bidding/Negotiating Phase — Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: _____

Signed by: _____

Firm: _____

Address: _____

Telephone: _____

Attachments: ☐

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.
☐ Substitution rejected - Use specified materials.
☐ Substitution Request received too late - Use specified materials.

Signed by: _____ Date: _____

Additional Comments: ☐ Contractor ☐ Subcontractor ☐ Supplier ☐ Manufacturer ☐ A/E
☐ Other:

END OF SECTION 132800

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State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

October 3, 2016

TO: ALL OFFERORS

FROM: CYNTHIA A. TODD
CONSTRUCTION PROJECT ADMINISTRATOR

SUBJECT: ADDENDUM TO REQUEST FOR PROPOSAL NO.: < **NAT - 15100- WCCSP
100**>

ADDENDUM # <1>

All other terms and conditions remain the same.

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State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

October 5, 2016

TO: ALL OFFERORS

FROM: CYNTHIA A. TODD
CONSTRUCTION PROJECT ADMINISTRATOR

SUBJECT: ADDENDUM TO REQUEST FOR PROPOSAL NO.: < **NAT - 15100- WCCSP
100**>

ADDENDUM # <2>

Only those Contractors who have been PREQUALIFIED on both an annual and supplemental basis and appear on the prequalification registry for this project may submit bids. The prequalification registry for this project may be viewed at <http://dfm.delaware.gov/prequal/index.shtml>. All other subcontractor categories do not require prequalification in order to submit a bid.

All other terms and conditions remain the same.

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State of Delaware
Department of Natural Resources and Environmental Control
Delaware Division of Parks and Recreation
89 Kings Highway
Dover, Delaware 19901

ADDENDUM No. THREE

Project Name: Tri-Valley Trail
White Clay Creek State Park

Project No.: 2016-WCCSP-100

Date of Issue: October 13, 2016

Notice No. 3: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specification and as shown on the drawings.

Bids Due: Thursday, October 27, 2016 at 2:00 PM
DNREC Division of Parks and Recreation
Richardson and Robbins Building, Auditorium
89 Kings Highway
Dover, DE 19901

Technical Manual:

1. Refer to Section 001116 Invitation To Bid: The following modifications have been made to the Invitation.
 - A. The date for acceptance of bids has been modified per the above.

End of Addendum No. Three

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